Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
Data File : BF123150.D
Acq On : 8 Feb 2021 18:48
Operator : JU/CG
Sample : M1317-11MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-AMSD

Manual Integrations APPROVED
mohammad
2/9/2021 2:10:44 PM

Quant Time: Feb 09 00:31:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	227792	20.00	ng		0.00
21) Naphthalene-d8	8.180	136	902374	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	492256	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	880192	20.00	ng		0.00
76) Chrysene-d12	14.092	240	665918	20.00	ng		0.00
86) Perylene-d12	15.568	264	535411	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1703049	115.33	ng		0.03
7) Phenol-d6	6.534	99	2125997	106.21	ng		0.02
23) Nitrobenzene-d5	7.463	82	1442449	80.45	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	790045	147.85	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2696394	81.43	ng		0.00
79) Terphenyl-d14	13.027	244	3069734	90.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.904	88	231848	31.56	ng	#	82
3) Pyridine	3.598	79	345729	17.60	ng		97
4) n-Nitrosodimethylamine	3.534	42	328436	39.72	ng		89
6) Aniline	6.563	93	173818	7.06	ng	#	92
8) 2-Chlorophenol	6.681	128	767811	47.97	ng		99
9) Benzaldehyde	6.445	77	262488	28.68	ng		98
10) Phenol	6.545	94	872724	43.96	ng		89
11) bis(2-Chloroethyl)ether	6.634	93	722401	43.73	ng		99
12) 1,3-Dichlorobenzene	6.839	146	740890	39.69	ng		98
13) 1,4-Dichlorobenzene	6.916	146	746525	38.40	ng		99
14) 1,2-Dichlorobenzene	7.069	146	722264	39.71	ng		100
15) Benzyl Alcohol	7.039	79	587662	41.88	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	948913	37.25	ng		93
17) 2-Methylphenol	7.151	107	682624	50.12	ng		98
18) Hexachloroethane	7.410	117	279014	40.97	ng		100
19) n-Nitroso-di-n-propyla...	7.316	70	519876	43.19	ng		99
20) 3+4-Methylphenols	7.304	107	729787	45.49	ng		94
22) Acetophenone	7.304	105	971749	41.33	ng	#	94
24) Nitrobenzene	7.481	77	789952	42.76	ng		100
25) Isophorone	7.722	82	1472020	44.82	ng		99
26) 2-Nitrophenol	7.792	139	406767	53.25	ng		99
27) 2,4-Dimethylphenol	7.833	122	640542	46.47	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	932292	41.60	ng		98
29) 2,4-Dichlorophenol	8.039	162	682708	47.36	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	678409	41.78	ng		99
31) Naphthalene	8.204	128	2070535	41.83	ng		99
32) Benzoic acid	7.951	122	327442	31.39	ng		96
33) 4-Chloroaniline	8.245	127	130607	5.95	ng		98
34) Hexachlorobutadiene	8.316	225	405108	43.18	ng		99
35) Caprolactam	8.639	113	186995m	38.38	ng		
36) 4-Chloro-3-methylphenol	8.733	107	748841	49.96	ng		95
37) 2-Methylnaphthalene	8.892	142	1456542	44.33	ng		98
38) 1-Methylnaphthalene	8.992	142	1358624	43.67	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	673729	44.00	ng		98
41) Hexachlorocyclopentadiene	9.051	237	689625	94.87	ng		97
43) 2,4,6-Trichlorophenol	9.175	196	510649	48.64	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	562958	51.28	ng		99
46) 1,1'-Biphenyl	9.363	154	1780970	44.11	ng		99
47) 2-Chloronaphthalene	9.386	162	1420546	42.03	ng		99
48) 2-Nitroaniline	9.480	65	459767	44.88	ng		89
49) Acenaphthylene	9.804	152	2184298	44.15	ng		99
50) Dimethylphthalate	9.663	163	1833617	47.48	ng		99
51) 2,6-Dinitrotoluene	9.722	165	413190	50.22	ng		89
52) Acenaphthene	9.974	154	1480286	46.58	ng		99
53) 3-Nitroaniline	9.886	138	151995	15.62	ng		88
54) 2,4-Dinitrophenol	9.998	184	271893	72.93	ng		98
55) Dibenzofuran	10.151	168	1975265	42.72	ng		99
56) 4-Nitrophenol	10.063	139	605218	86.06	ng		87
57) 2,4-Dinitrotoluene	10.127	165	551494	51.55	ng		98
58) Fluorene	10.492	166	1546789	41.87	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	478558	51.40	ng		98
60) Diethylphthalate	10.363	149	1767299	46.54	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	770154	44.37	ng		97
62) 4-Nitroaniline	10.516	138	381845	39.07	ng		98
63) Azobenzene	10.645	77	1588217	42.74	ng		97
65) 4,6-Dinitro-2-methylph...	10.539	198	232803	47.93	ng		92
66) n-Nitrosodiphenylamine	10.604	169	1421154	44.79	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	532638	47.52	ng		97
68) Hexachlorobenzene	11.045	284	573750	47.72	ng		98
69) Atrazine	11.133	200	411474	46.97	ng		99
70) Pentachlorophenol	11.239	266	603976	92.69	ng		98
71) Phenanthrene	11.463	178	2291230	41.91	ng		100
72) Anthracene	11.510	178	2364262	45.08	ng		99
73) Carbazole	11.663	167	2104492	43.24	ng		99
74) Di-n-butylphthalate	11.998	149	2393121	41.47	ng		100
75) Fluoranthene	12.657	202	2390687	43.76	ng		98
77) Benzidine	12.780	184	14196	0.94	ng	#	1
78) Pyrene	12.886	202	2366274	47.07	ng		100
80) Butylbenzylphthalate	13.504	149	1116440	51.61	ng		98
81) Benzo(a)anthracene	14.080	228	2108849	46.79	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	278142	19.61	ng		99
83) Chrysene	14.115	228	2054224	45.54	ng		98
84) Bis(2-ethylhexyl)phtha...	14.062	149	1542735	53.67	ng		98
85) Di-n-octyl phthalate	14.680	149	2553626	52.90	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1760553	49.38	ng		100
88) Benzo(b)fluoranthene	15.139	252	2028678	52.49	ng		99
89) Benzo(k)fluoranthene	15.174	252	1687486	46.99	ng		98
90) Benzo(a)pyrene	15.515	252	1575816	46.43	ng		100
91) Dibenzo(a,h)anthracene	17.103	278	1459529	49.73	ng		99
92) Benzo(g,h,i)perylene	17.539	276	1429532	50.27	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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